



RESQSKI

SKI FINDER FOR POWDER SKIERS

USER GUIDE



Thank you for purchasing RESQSKI. We've designed the product from our personal experiences of losing skis in the powder and we hope that it gives you the peace of mind to enjoy the off-piste just as much as we do.

The RESQSKI tags have been designed to be strong and easy to use. The system can be expanded to locate another pair of skis and the tags can be fitted to different skis if extra base tags are purchased.

As with many other radio frequency devices you will need to follow the operating steps carefully and please make sure you practice before you use the product on the mountain. You should find RESQSKI easy to use.

Used correctly RESQSKI should last for many years without the need to replace the tag batteries. RESQSKI comes with a two-year manufacturer's warranty. Please go to www.resqski.com for contact details, full product and other information.

Your RESQSKI is ready to go. Enjoy your skiing.

**Christopher Chadwick & Colin Brotherton
For Resqski**

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PRODUCT FEATURES

Figure 1 - Handheld

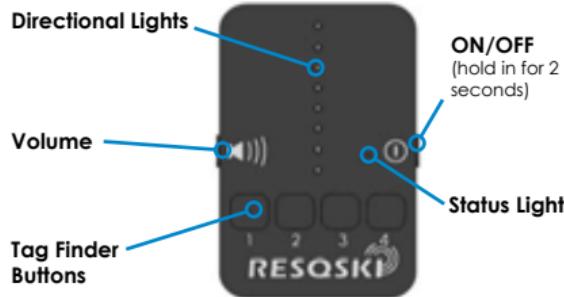


Figure 3 - Base Tag



Figure 2 - Homing Tag

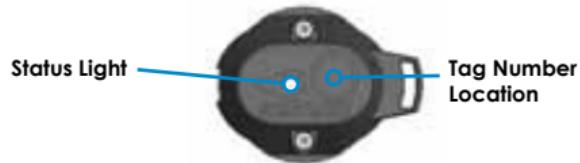


Figure 4 - Dummy Tag



2. SUMMARY OF HOW RESQSKI WORKS

RESQSKI works using radio frequency (RF) technology. The homing tag attached to the ski communicates with the handheld device. The Handheld indicates the direction and proximity of the lost ski using flashing lights and sonic beeps. The lights move from red to green and the beeps get ever louder and more frequent as you get closer to the ski.

Each tag is 'registered' to a specific numbered button on the handheld so that your skis can be searched individually by the Handheld. Another set of ski tags (purchased separately) can be registered to buttons 3 & 4 on the Handheld.

The tags are designed so that the Homing tag can be taken out of the Base Tag for storage. A Dummy tag is supplied to fill the Tag Base to give a clean, streamlined appearance when RESQSKI is not needed for operation.

Tip: Remember to move the tag to the off position when you do not wish to use the system. This will preserve battery life.

3. GETTING STARTED

3.1 CHECKING IT OUT

- With the items removed from the box, take out the 2 Dummy Tags from the Base Tags by pushing down and turning left to the 'OUT' position.

Tip: If the Dummy Tag is difficult to remove press down on one side.

- Position the 2 Homing Tags (see Figure 2 Product Features) into the Base Tags by aligning the arrow marker on the front of the homing tag with the 'OUT' slot in the top of the tag base. Push down the tag into the tag base and rotate clockwise until the arrow on the tag is aligned with the 'OFF' position. The tag will locate upwards in a groove that locks it in the 'OFF' position.
- To activate the tag push down and rotate clockwise until the tag is aligned to the 'ON' position. Again the tag will locate upwards in a groove that locks it in the 'ON' position.

When you move the tag from the 'OFF' to the 'ON' position the status light on the tag will flash to indicate that the batteries are activated.

NOTE: The status light only remains flashing for a brief period. The tag is active if it is pointed to the 'ON' position even though the light is not flashing!

NOTE: The tag takes 5 seconds to de-activate when turned to the 'OFF' position. When the tag is inserted into the tag base the status light will usually come on. Move the tag to the 'OFF' position and wait five seconds for the tag to deactivate. Then when the tag is moved to the 'ON' position it will flash again. If the tag is moved to the 'ON' position too quickly the status light will not flash as the tag will already be activated.

- Turn on the Handheld (see Figure 1 Product Features) by pressing and holding the 'ON' button until the Handheld beeps and the lights flash - about 2 seconds. (you will notice that while the handheld unit is on the status light will flash)
- With the unit switched on press the Volume button on the left. This has 3 settings - silent, quiet and loud. To familiarise yourself with it, press it on each of its settings.

Tip: Put the volume button on the loudest setting for normal use in mountain.

- Ensuring that number 1 Tag is switched to the 'ON' position, press button 1 on the Handheld.

The Handheld unit will beep and the status light will flash rapidly as the Handheld unit searches for the tag. If your tag is only a few feet away the Handheld will flash green and make rapid and loud beeps (there will be a few seconds delay before this happens).

- Press the number 1 button on the Handheld again and the search will stop.
- Now try the same process for tag number 2 this time placing the tag some distance away, say 15 metres.
- Use a sweeping motion with the handheld i.e. move the unit across 180 degrees from left to right in the general direction of the tag.
- When the tag is detected the locating lights will light up and the audio will start to beep.
- Slowly move the Handheld unit around until the frequency of the beeps is fastest and the number of lights is greatest.
- Proceed in this direction slightly orientating the Handheld unit to maximise the frequency of the beeps and number of lights illuminated.
- When you are getting close to your buried ski remember to point your Handheld towards the ground.

When you see 3 green lights showing you should be very close to the tag.

Tip: Practice this routine a few times before you use your Resqski in the snow

NOTE: The Handheld will automatically turn itself off after a few minutes to conserve battery life. If it does this whilst in search operation just turn back on and press the appropriate Tag finder number button.

3.2 FITTING THE BASE TAGS TO YOUR SKIS

NOTE: Take care in considering this process. Should you decide that you require a fitting with screws we recommend you use professional help.

- Decide where on the ski you want to attach the tag - normally just in front or just behind the binding.
- Ensure that the ski surface is free from dirt and grease by cleaning with an alcohol wipe.
- The process is carried out at room temperature.
- Remove the backing from the adhesive pad
- Carefully position and firmly press the tag base onto the ski.

NOTE: The adhesive should form a strong bond and will be sufficient for most skis with a flat surface.

Tip: For convenience and visibility - place in front; if you're concerned about impact collision then place behind.

- If you decide to use screws for additional security, first check that the screws supplied (13 mm) are the correct size for your particular skis. If not, use a screw of the correct length. We recommend that you seek professional assistance.

4. LOCATING YOUR LOST SKI

Tip: It's easier to operate the handheld without a glove so put the glove in your pocket first

Your Handheld unit is not waterproof, so keep it in the plastic bag provided. This will protect the Handheld from moisture and damage.

Depending on the terrain and the depth at which your ski is buried the Handheld unit range will be 30m or more.

To find your ski proceed as follows:

- Carefully take out the Resqski Handheld from your backpack or pocket taking care not to drop it.
- Press and hold the ON button until the Handheld beeps and the lights flash. Press the number button for the ski you are searching. The Handheld unit will beep and the status light will flash rapidly as the Handheld unit searches for the tag.
- Slowly sweep your Handheld horizontally across 180 degrees in the general direction of the lost ski.

Tip: It may seem obvious but DO NOT drop the handheld in the snow

When the tag is detected the locating lights will light up and the audio will start to beep.

- Slowly move the Handheld unit around until the beeps speed up and the lights flash green.
- Head in the direction the lights are pointed.
- When you see three green lights you will be very close to where your ski is buried and you should now be pointing your Handheld to the ground.
- Feel under the snow for your ski
- To stop the search press the number button.
- If you've lost both skis, press the other number button and repeat the process

NOTE: There are some situations where the system will not function effectively e.g. For example if the line between the handheld and the ski is blocked by certain terrain. In this instance you should head in the general direction of where you think the ski is until you pick up a signal.

5. REPLACING THE BATTERIES

It is possible that you may never need to replace the batteries on either the handheld or the homing tags if you remember to turn the tag switch after use from 'ON' to 'OFF'.

- If Handheld unit does not power up or the lights are faint replace the batteries using 1 x CR2032 or equivalent placing the battery in the battery compartment + side up.
- To check the condition of the batteries in the tag activate the tag by moving it from the 'OFF' position to the 'ON' position. If the status light does not come on or is dim the batteries should be replaced.

Tip: Remember to wait 5 seconds before moving the tag back from 'OFF' to 'ON' to allow it to be fully de-activated.

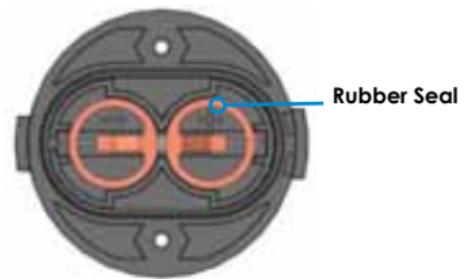
NOTE: The batteries in the tag will lose power in the 'ON' position whether the Handheld is in use or not. If the tags remain in the on position continuously the batteries should last between 12 and 24 weeks.

- To replace the tag batteries first take the tag out of the tag base. Place the tag on a flat surface and remove the two screws. Lift off the top part of the tag. Remove the two batteries and replace with LR54 button cells

or equivalent ensuring the batteries are mounted the correct way as indicated in figure 5. Replace the top part of the tag, refit the screws and tighten securely.

Tip: Ensure the rubber seal is properly located in its position before tightening the screws

Figure 5 - Tag battery fitting



6. REGISTER A TAG

Your Homing Tags are pre-registered to your Handheld. You can purchase extra tags for your handheld that will need to be registered. Instructions for registering will be given in extra tag pack.

For instructions please also go to www.resqski.com

7. UNREGISTER A TAG

Your Tags are setup to operate with the numbered buttons on your Handheld unit. If you wish to move your tags to another Handheld you must first unregister them from your Handheld unit. For instructions please go to www.resqski.com

NOTE: If a tag is registered it cannot be used with another handheld.

Do not lose or break the Handheld otherwise the Homing tags become inoperable with another handheld (they have to be deregistered from their host Handheld first)

8. DELETE A TAG

If a tag has been damaged or lost the button can be deregistered enabling another tag to be associated with the button. For instructions please go to www.resqski.com

9. PRODUCT WARRANTY

Resqski Ltd warrants to the original purchaser that the product shall be free from significant defects in material and workmanship for 2 years beginning on the date of purchase as shown on your receipt. Should the product need to be returned it must be sent directly back to the original place of purchase to be processed. Proof of purchase must accompany the returned product. If purchased direct from Resqski Ltd, a returns authorisation number is required (contact details on www.resqski.com) prior to the product being returned to Resqski Ltd. Product must be returned by signed delivery in suitable protective packaging. Without prejudice to your rights Resqski Ltd may replace a defective product or return your money. No other warranties, express or implied are made.

WHAT THE WARRANTY DOES NOT COVER

This warranty does not apply to product that has been subject to abuse, misuse, negligence, tampering or has been modified in any way. The Resqski tag in particular is crafted to withstand the normal submerged and bumpy conditions that every powder skier experiences. It is deemed waterproof and shockproof. However, it is not engineered to withstand a collision with another object such as a rock or another person's ski. The Resqski Handheld transceiver is not waterproof or shockproof and is not covered from failure to protect it from impact damage and moisture.

Resqski is designed to significantly reduce the time it takes to retrieve skis submerged in snow. We do not guarantee that on all occasions you will find your ski. In exceptional cases the ski may be buried too deep in compacted snow. Very bad weather conditions including extremely low temperatures may prevent the product from working effectively. Similarly certain terrains may work against the effective use of the product including very steep, rocky slopes where there are major obstacles to the line between the Handheld transceiver and the lost ski. Also if batteries are allowed to run down (for instance if the tags are left in the 'ON' position for prolonged periods of time) this will shorten the range considerably or even make the product ineffective. We therefore do not indemnify against the replacement cost of a lost ski.

Resqski is not designed to rescue people. We do not accept liability for injury or loss of life. Resqski Ltd will not be liable for any special, incidental or consequential damages whether or not the purpose for which you purchased the product was made known to Resqski Ltd, the retailer or otherwise. Your statutory rights are not affected in any way.

QUICK INSTRUCTIONS

- 1**
PRESS POWER BUTTON AND HOLD FOR 2 SECONDS UNTIL STATUS LIGHT STARTS TO FLASH.
- 2**
POINT IN APPROXIMATE DIRECTION WHERE SKI MIGHT BE LOCATED.
- 3**
PRESS LOST SKI BUTTON.
- 4**
WALK TOWARDS LOST SKI WHILE SLOWLY MOVING UNIT TO GIVE MAXIMUM SIGNAL.
- 5**
UNIT WILL BEEP MORE RAPIDLY AS IT GETS CLOSER TO THE LOST TAG.
- 6**
POINT UNIT TOWARDS THE SNOW TO DETERMINE WHERE TO DIG WHERE THE SIGNAL IS GREATEST.
- 7**
REPEAT PROCESS FOR OTHER SKIS OR SWITCH OFF.

CUT OUT AND KEEP WITH HANDHELD

Pack Contents

1x Resqski Handheld
2x Resqski Homing Tags
 2x Base Tags
 2 x Dummy Tags
4 x Fixing screws,
 User Guide

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